

Name_____

Pd_____

Reading Guide 8: Chapter 11 (Distribution of Phytoplankton)

Directions: Complete the questions below after reading Chapter 8 of the “[Our Ocean Planet: Oceanography in the 21st Century](#)” textbook.

Chapter 11: Distribution of Phytoplankton

1. Give an example of one area in the ocean where phytoplankton are typically found?
2. Why is upwelling and the cold water that is associated with it important to phytoplankton?
3. When phytoplankton and zooplankton that thrive in the spring and summer die, they sink and decay. Why can't these nutrients be used by other organisms?
4. Give an example of a high nutrient, low chlorophyll zone, and why phytoplankton do not grow there.
5. Why is the Bering Sea such a fertile fishery?

